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Mathias Röhl, Adelinde M. Uhrmacher

 December 2006 **WSC '06**: Proceedings of the 38th conference on Winter sir

**Publisher:** Winter Simulation Conference

 Full text available: [Pdf](#) (176.44 KB)

 Additional Information: [full citation](#), [abs](#)
**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 35, Downloa

This paper is about the flexible composition of efficient simulation mode framework that can be added as an additional layer on top of simulator specifications ...

**2** [Composing simulation models using interface definitions based on w](#)

Mathias Röhl, Stefan Morgenstern

 December 2007 **WSC '07**: Proceedings of the 39th conference on Winter sir

**Publisher:** IEEE Press

 Full text available: [Pdf](#) (185.47 KB)

 Additional Information: [full citation](#), [abs](#)
**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 65, Downloa

Using models in different contexts poses major integration challenges, r Independently of each other developed model components cannot be ex even if based on the ...

**3** [MDA-based approach for embedded software generation from a UM](#)

Francisco A. M. de Nascimento, Marcio F. da S. Oliveira, Marco A. Wehrmei

 August 2006 **SBCCI '06**: Proceedings of the 19th annual symposium on In

**Publisher:** ACM

 Full text available: [Pdf](#) (341.15 KB)

 Additional Information: [full citation](#), [abs](#)
**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 90, Downlo

This work presents a UML/MOF meta-modeling infrastructure, following design space exploration of embedded systems, based on the independ mapping from the application ...

**Keywords:** MDA, UML, design space exploration, embedded systems d


**4** [An automatic transformation from COSA software architecture to CC](#)

Adel Alti, Mehreddine Djoudi, Adel Smada

June 2008

**NOTERE '08:** Proceedings of the 8th international conference

**Publisher:** ACM

Full text available:  Pdf (795.39 KB)

Additional Information: full citation, abs

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 64, Download

Recently, middleware as an abstraction layer is completely integrated in heterogeneity and guaranteeing the transparency communication of dis architecture and implementation ...

**Keywords:** CORBA, COSA, MDA, UML profile, architectures description transformation rules

## 5 Transformation techniques in the model-driven development process

 Nora Koch

July 2006

**ICWE '06:** Workshop proceedings of the sixth international c

**Publisher:** ACM

Full text available:  Pdf (378.74 KB)

Additional Information: full citation, abs

**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 174, Downl

Development of Web software is still an inefficient and error-prone proc support for automated generation of Web systems. The goal of model-d problems introducing a ...

**Keywords:** MDA, UML, UWE, Web Engineering, metamodel, model tran modeling language, transformation language


## 6 Bridging existing Web modeling languages to model-driven engineer

 Andrea Schauerhuber, Manuel Wimmer, Elisabeth Kapsammer

July 2006

**ICWE '06:** Workshop proceedings of the sixth international c

**Publisher:** ACM

Full text available:  Pdf (210.02 KB)


Additional Information: full citation, abs

**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 134, Downl

Metamodels are a prerequisite for model-driven engineering (MDE) in g engineering in particular. Various modeling languages, just as in the we metamodels and standards ...

**Keywords:** DTD, metamodel, model driven web engineering, web mod

## 7 Toward an UML-based composition of grid services workflows

 Yousra BenDaly Hlaoui, Leila Jenni BenAyed

July 2008

**AUPC '08:** Proceedings of the 2nd international workshop on challenges for ubiquitous and pervasive computing

**Publisher:** ACM

Full text available:  Pdf (179.55 KB)

Additional Information: full citation, abs

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 119, Downl

Semi automatic and semantic composition of workflows from Web and C

today's distributed applications. This paper focuses on how to model an services without considering lower ...

**Keywords:** grid services, mda approach, uml activity diagram, workflow

## 8 Development of semantic web services: model driven approach



Djamel Amar Bensaber, Mimoun Malki

June 2008

**NOTERE '08:** Proceedings of the 8th international conference

**Publisher:** ACM

Full text available: Pdf (586.95 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 55, Downloads (12 Months): 302, Downl

The power of Web Service (WS) technology lies in the fact that it establ integrating distributed computing applications, in intranets as well as th (SWSs) promise to ...

**Keywords:** MDA, OWL-S, UML, WSDL, reverse engineering, semantic w

## 9 MDA refinements along middleware-specific concern-dimensions



Raul Silaghi

October 2004 **DSM '04:** Proceedings of the 1st international doctoral sympo

**Publisher:** ACM

Full text available: Pdf (120.95 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 64, Downloa

Over the last decades, middleware has become an integral part in the d Nevertheless, currently existing software engineering methods continue requirements, ignoring more ...

**Keywords:** AOP, AspectJ, MDA, UML profiles, eclipse plug-ins, enterpris transformations, parallax

## 10 MDSD light for ERP



Stephan Roser, Florian Lautenbacher, Bernhard Bauer

March 2008 **SAC '08:** Proceedings of the 2008 ACM symposium on Applie

**Publisher:** ACM

Full text available: Pdf (260.17 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 16, Downloads (12 Months): 127, Downl

Fully-fledged model-driven software development is often too expensive (SMEs). Therefore we propose MDSD light which reduces the available ε of workflow and process ...


**Keywords:** ERP, MDSD, SME, model-driven, process, service-oriented

## 11 Software Deployment, Past, Present and Future

Alan Dearle

May 2007 **FOSE '07**: 2007 Future of Software Engineering

**Publisher**: IEEE Computer Society

Full text available:  Pdf (390.24 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics**: Downloads (6 Weeks): 36, Downloads (12 Months): 321, Downl


This paper examines the dimensions influencing the past and present ar deployment. Software deployment is a postproduction activity that is pe software. Today's software ...

## 12 [Survey of existing languages to model interactive web applications](#)

Jevon Wright, Jens Dietrich

January 2008 **APCCM '08: Proceedings of the fifth on Asia-Pacific con**  
79 . Volume 79

**Publisher**: Australian Computer Society, Inc.

Full text available:  Pdf (632.59 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics**: Downloads (6 Weeks): 50, Downloads (12 Months): 413, Downl

Over the last few years, the web is establishing increased importance in and the semantic web, facilitated and driven by the popularity of client-allow extended ...


**Keywords**: AJAX, RIAs, events, interactivity, models, web engineering

## 13 [Definition and analysis of composition structures for discrete-event n](#)

Mathias Röhl, Adelinde M. Uhrmacher

December 2008 **WSC '08: Proceedings of the 40th Conference on Winter Si**

**Publisher**: Winter Simulation Conference

Full text available:  Pdf (438.32 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics**: Downloads (6 Weeks): 6, Downloads (12 Months): 24, Downloa


The re-use of a model by someone else than the original developer is st composition structures and interface descriptions for discrete-event mo units of description ...

## 14 [Model-driven Development of Complex Software: A Research Road](#)

Robert France, Bernhard Rumpe

May 2007 **FOSE '07**: 2007 Future of Software Engineering

**Publisher**: IEEE Computer Society

Full text available:  Pdf (316.21 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics**: Downloads (6 Weeks): 82, Downloads (12 Months): 760, Downl

The term Model-Driven Engineering (MDE) is typically used to describe : abstract models of software systems are created and systematically tra paper we give an overview ...

## 15 [Modeling semantic web services: a case study](#)

 César J. Acuña, Esperanza Marcos

July 2006 **ICWE '06: Proceedings of the 6th international conference on**

**Publisher**: ACM

Full text available:

Additional Information:

 Pdf (469.96 KB)


[full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 35, Downloads (12 Months): 317, Downl

Nowadays, there is an enormous amount of study about the semantic W technology: semantic Web services. However, to be widely adopted by applications, semantic Web services development ...

**Keywords:** model driven architecture, profiles, semantic web services,


## 16 Specifications, not meta-models

 James Skene, Wolfgang Emmerich

May 2006

**GAMMA '06:** Proceedings of the 2006 international workshop

**Publisher:** ACM

Full text available:  Pdf (136.48 KB)

Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 80, Downloa

In a model-driven development, software engineers will have to manage languages. Current meta-modelling and concrete syntax standards fail to and the languages in which ...

**Keywords:** MDA, MOF, OCL, UML, meta-modelling


## 17 Model-driven in reverse: the practical experience of the AQUA project

 M. J. Escalona, J. J. Gutiérrez, L. Rodríguez-Catalán, A. Quevara

June 2009

**EATIS '09:** Proceedings of the 2009 Euro American Conference on New Opportunities to increase Digital Citizenship

**Publisher:** ACM  Request Permissions

Full text available:  Pdf (1.22 MB)


Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 18, Downloa

Model-Driven Web Engineering (MDWE) is a new paradigm which provides development. However, most experiments with MDWE towards the development the implementation stages. However, in ...

**Keywords:** MDWE, model-driven engineering, web engineering, web quality

## 18 UML2 must enable a family of languages

 Keith Duddy

November 2002 **Communications of the ACM**, Volume 45 Issue 11

**Publisher:** ACM  Request Permissions

Full text available:  Html (15.82 KB),  Pdf (98.17 KB) Additional Information: [full citation](#), [abs](#)

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 60, Downloa

UML2 needs to take advantage of new infrastructure to enable first-class superstructure language.

## 19 On marrying ontological and metamodeling technical spaces



Fernando Silva Parreiras, Steffen Staab, Andreas Winter

September 2007 **ESEC-FSE '07**: Proceedings of the the 6th joint meeting of conference and the ACM SIGSOFT symposium on The four**Publisher:** ACM Request Permissions

Full text available: Pdf (285.58 KB)

Additional Information: full citation, abs

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 97, Downlo

In software engineering, the use of models and metamodeling approach such as software design or software validation is an established practice formalized using expressive logic ...

**Keywords:** meta modeling, model driven engineering, ontology

20 **PRECISO: a reengineering process and a tool for database moderni**

Ricardo P. del Castillo, Ignacio Garcia-Rodriguez, Ismael Caballero

March 2009 **SAC '09**: Proceedings of the 2009 ACM symposium on Applie**Publisher:** ACM Request Permissions

Full text available: Pdf (1.06 MB)

Additional Information: full citation, abs

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 44, Downloa

A common trend in *Service Oriented Architecture* (SOA) is to consider its services. This current approach is not only applied to new software development maintenance of legacy ...

**Keywords:** ADM, MDA, SOA, relational databases, software modernisation

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